

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No. 09/922,739

Q65752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A communication control network, comprising:

a mobile phone; and

a directory server remote from said mobile phone, comprising:

a storage unit configured to store records in a replica directory associated with said mobile phone, each of said records including a contact and an indicator which indicates whether a connection to the contact is permitted wherein said replica directory comprises at least one record and each record comprises a contact and an indicator which indicates whether a connection from said mobile phone to said contact is permitted or whether a connection from said contact to said mobile phone is permitted; and

a communication control unit configured to refer to the replica directory to determine whether or not a requested connection of a contact to said mobile phone is permitted, or whether or not a requested connection of said mobile phone to a contact is permitted.

2. (currently amended): The communication control network according to claim 1, wherein said mobile phone comprises:

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a storage unit configured to store records in a directory associated with said mobile phone, ~~each record comprising wherein said directory comprises at least one record and each record comprises~~ at least a name, a phone number, or an e-mail address of a contact;

an operation section configured to generate an upload instruction in response to an operation by a user of said mobile phone; and

a transmitting section configured to transmit ~~the records in the~~ directory from said mobile phone to said directory server in response to the upload instruction, such that ~~the records in the~~ directory of said mobile phone is stored in said directory server as ~~said records in said replica~~ directory.

3. (currently amended): The communication control network, according to claim 2, wherein:

each record in said directory of said mobile phone includes an edit flag;

said mobile phone further comprises an editing section configured to edit at least one of said records ~~at least one record~~ and to set the ~~an edit flag in the edited records of the at least one record~~ in response to an operation by the user; and

said transmitting section of said mobile phone is configured to transmit the ~~at least one~~ edited records to said directory server in response to the upload instruction such that ~~the edited records are stored as records in said replica directory in said directory server~~ is updated to include the at least one edited record.

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4. (cancelled).

5. (currently amended): The communication control network, according to claim 1,
wherein said mobile phone comprises:

a storage unit;

an operation section configured to generate a download instruction in response to an
operation by a user of said mobile phone;

a transmitting section configured to transmit said download instruction to said directory
server; and

a receiving section configured to receive at least part of ~~the records~~ one record in of said
replica directory in response to the download instruction;

wherein each record of said directory comprises at least a name, a phone number, or an e-
mail address of a contact.

6. (previously presented): The communication control network, according to claim 1,
wherein:

the requested connection is for a phone call;

each record, stored in the replica directory of said directory server, comprises a phone
number of a contact;

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said indicator comprises a non-permission flag, which is set when a phone call from the corresponding contact should not be connected to said mobile phone and which is reset when a phone call from the corresponding contact should be connected to said mobile phone; and

said communication control network further comprises:

a switching apparatus configured to connect a phone call from a contact to said mobile phone if said communication control unit determines that the connection is permitted and to discard a phone call from a contact if said communication control unit determines that the connection is not permitted.

7. (previously presented): The communication control network, according to claim 1, wherein:

the requested connection is for an e-mail;

each record, stored in the replica directory of said directory server, comprises an e-mail address of a contact;

said indicator comprises a non-permission flag, which is set when an e-mail from the corresponding contact should not be delivered to said mobile phone, and which is reset when an e-mail from the corresponding contact should be delivered to said mobile phone; and

said communication control network further comprises:

a mail server configured to deliver an e-mail from a contact to said mobile phone if said communication control unit determines that the connection is permitted and to

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discard an e-mail from a contact if said communication control unit determines that the connection is not permitted.

8. (currently amended): A mobile phone, comprising:

a storage unit configured to store ~~records in a directory associated with said mobile phone, wherein said directory comprises at least one record and each record comprising~~ information regarding a contact and an indicator which indicates whether a connection by the contact is permitted from the contact to said mobile phone or a connection from said mobile phone to the contact is permitted;

an operation section configured to generate an upload instruction ; and

a transmitting section configured to transmit the ~~records at least one record~~ in the directory to a directory server remote from the mobile phone to be stored therein as records in a replica directory in response to said upload instruction.

9. (currently amended): The mobile phone, according to claim 8, wherein:

each record stored in said storage unit includes an edit flag;

said mobile phone further comprises an editing section configured to edit at least one of said ~~records at least one record~~ and to set the ~~an~~ edit flag in the edited records of the at least one record in response to an operation by the user; and

said transmitting section is configured to transmit the at least one edited records to said directory server in the communication control network in response to the upload instruction, such

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~~that the edited records are stored as records in the replica directory in said directory server is~~
updated to include the at least one edited record.

10. (cancelled).

11. (previously presented): The mobile phone according to claim 8, wherein
said operation section is configured to generate a download instruction in response to an
operation by the user;

said transmitting section is configured to transmit the download instruction to the
directory server ; and

the mobile phone further comprises a receiving section configured to receive at least one
of the records in the replica directory from said directory server in response to the download
instruction.

12. (currently amended): A directory managing system, comprising:
a mobile phone, comprising:

a storage unit configured to store ~~records in a directory associated with said~~
mobile phone, wherein said directory comprises at least one record and each record
comprising information regarding a contact and an indicator which indicates whether a
connection by the contact is permitted from the contact to said mobile phone or a
connection from said mobile phone to a contact is permitted.

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an operation section configured to generate an upload instruction, and
a transmitting section; and
a directory server, which stores records in a replica directory;
wherein said transmitting section is configured to transmit ~~the records in the directory~~
from said mobile phone to said directory server, to be stored therein as the replica directory of
records, in response to the upload instruction.

13. (currently amended): The directory managing system according to claim 12,
wherein:

each record stored in said storage unit includes an edit flag;

said mobile phone further comprises an editing section configured to edit at least one of
said records at least one record and to set ~~the~~ an edit flag in the edited records of the at least one
record in response to an operation by the user; and

said transmitting section is configured to transmit the at least one edited records to said
directory server in response to the upload instruction, such that ~~the edited records are stored as~~
~~records in the replica directory in said directory server~~ is updated to include the at least one
edited record.

14. (cancelled).

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15. (previously presented): The directory managing system according to claim 12,
wherein:

said operation section is configured to generate a download instruction ; and

said transmitting section is configured to transmit the download instruction to said
directory server;

said mobile phone further comprises a receiving section configured to receive at least one
of the records in the replica directory of records from said directory server in response to the
download instruction.

Claims 16-22. (canceled).

23. (currently amended): A communication control method, comprising:

in response to a ~~communication request~~ for communication from a contact to a mobile
phone, referring to records in a directory associated with the mobile phone, wherein the directory
comprises at least one record and each record comprising comprises data of a contact, and an
indicator which indicates whether a communication with from the a contact to the mobile phone
or a communication from the mobile phone to a contact is permitted;

determining whether or not the communication ~~with from~~ the contact to the mobile phone
is permitted; and

connecting a communication from the contact or discarding the communication from the
contact based on the determination.

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24. (previously presented): The communication control method, according to claim 23, wherein each record comprises at least a name, a phone number, or an e-mail address of a contact.

25. (currently amended): The communication control method, according to claim 23, wherein the requested communication is a phone call from ~~a~~the contact.

26. (currently amended): The communication control method, according to claim 23, wherein the requested communication is an e-mail from ~~a~~the contact.

27. (currently amended): A method of creating records in a directory, comprising:
inputting at least one record into a storage unit in a mobile phone, the record including information regarding a contact and an indicator indicating whether communication from the a
contact to the mobile phone or a communication from the mobile phone to a contact is permitted;
transmitting, via an antenna in the mobile phone, the ~~records~~at least one record stored in the storage unit of the mobile phone to a telephone directory server remote to the mobile phone;
uploading the at least one record to the telephone directory server, thereby creating records in a replica directory.

28. (cancelled)

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29. (previously presented): The mobile phone according to claim 8, wherein the information regarding a contact comprises at least a name, a phone number, or an e-mail address of the contact.

30. (previously presented): The mobile phone according to claim 8, wherein said operation section is configured to generate said upload instruction in response to an operation by a user of said mobile phone.

31. (previously presented): The directory managing system according to claim 12, wherein the information regarding a contact comprises at least a name, a phone number, or an e-mail address of the contact.

32. (previously presented): The directory managing system according to claim 12, wherein said operation section is configured to generate said upload instruction in response to an operation by a user of said mobile phone.

33. (previously presented): The directory management system according to claim 15, wherein said operation section is configured to generate said download instruction in response to an operation by the user of said mobile phone.

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34. (currently amended): A server of a communication control network, comprising:
a storage unit configured to store records in a replica directory ~~for~~ associated with a
mobile phone remote from the server wherein the replica directory comprises at least one record
and, each record ~~including~~ comprises a contact and an indicator which indicates whether a
connection to ~~the~~ a contact from the mobile phone or a connection from the mobile phone to a
contact is permitted; and

a communication control unit configured to refer to the replica directory to determine
whether or not a requested connection of a contact to the mobile phone is permitted.

35. (previously presented): The server according to claim 34, wherein the records stored
in the replica directory are uploaded from the mobile phone.

36. (previously presented): The server according to claim 34, wherein the records stored
in the replica directory are downloaded to the mobile phone.

37. (previously presented): The server according to claim 34 wherein the requested
connection is a phone call or an e-mail.

38. (currently amended): A server of a communication control network, comprising:
a storage unit configured to store ~~records in~~ records in a replica directory for associated with a
mobile phone remote from the server; and

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a communication control unit configured to refer to the replica directory to determine ~~that~~
whether a requested connection of a contact to the mobile phone is not-permitted or not, where
information regarding the contact is included-stored in the replica directory.